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27195	7590	10/09/2007	EXAMINER	
AMIN, TUROCY & CALVIN, LLP 24TH FLOOR, NATIONAL CITY CENTER 1900 EAST NINTH STREET CLEVELAND, OH 44114			TAKELE, MESEKER	
			ART UNIT	PAPER NUMBER
			2174	
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			10/09/2007	ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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## Office Action Summary

Application No.

10/799,456

Applicant(s)

MEEK, CHRISTOPHER A.

Examiner

Meseker Takele

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on 19 July 2007.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-43 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-43 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application
- ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kudoh et al. (US Patent No.: 2001/0042087) in view of Leonardos (US Pub No.: 2002/0069212).

As to claim 1, Kudoh discloses, a method for assisting object organization (see abstract) comprising:

in response to a first object being subjected to an action the first object having a controlling attribute updating a first list of a plurality of controlling attribute-specific lists corresponding to the controlling attribute of the first object (example, such as mail object, sender, editing unit, communication unit, first list, see Figure 2 (element 500), Element (530), Figure 4 (element 60), Figure 8 (element 20), column, 5 line, 4),

each list of the plurality of controlling attribute-specific lists corresponding to a controlling attribute and providing alternatives as to how the action can be performed relative to objects having the controlling attribute (example, classifies the sent or received electronic mail and the electronic mail entered by the user, column, 29 lines, 56-67, see Figure 31) and,

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in response to the plurality of controlling-attribute specific lists being invoked as to a second object, the second object having a controlling attribute, displaying a second list of the plurality of controlling attribute-specific lists corresponding to the controlling attribute of the second object to provide alternatives as to how the action can be performed relative to the second object (example, displays a second list which has all the classification types of the electronic mails as classification items onto said tray information display screen, see column, 6 lines, 8-19 and abstract) and (example, the tray display unit 80 invokes, invoked mail object, see column, 14 lines, 65-66 and column, 15, lines, 1-7).

Although Kudoh shows substantial features of the claimed invention, he does not explicitly show updating a first list according to a sort criterion related to the action and having a plurality of entries ordered according to the sort criterion.

Leonardos from the same field of endeavor disclose sort criterion (example, sort, such as, the list 1230 is generated in response to the search parameters entered by the user see paragraph [0016], [0033], [0061] and [0104]).

It would have been obvious to one of ordinary skill in the art to modify Kudoh's electronic mail cataloging and retrieving system at the time of the invention was made with sort as presented by Leonardos.

The motivation to combine allows users to sift through only those documents that satisfy their search criteria, as compared to having to turn through all pages in the case of a paper folder.

As to claim 2, the modified Kudoh discloses further initially comprising initializing the plurality of controlling attribute-specific lists (example, Mail attribute information, start email & cataloging, see Figure 2 and Figure 24).

As to claim 3, the modified Kudoh discloses wherein each of the first object and the second object corresponds to an email (example, electronic mail, see column, 6 lines, 9-10).

As to claim 4, the modified Kudoh discloses wherein the controlling attribute of each of the first object and the second object corresponds to a sender of the email (example, sender, see Figure 10 (element 71c) and Figure 3).

As to claim 5, the modified Kudoh discloses wherein each of the first object and the second object corresponds to a file (example, electronic mail data, folders, lists, see column, 1 line, 26 and Figure 31 (element 3101)).

As to claim 6, the modified Kudoh discloses wherein the controlling attribute of each of the first object and the second object corresponds to a creator of the file (example, display area 2902 shows a sending date and time, sender, title and text in part, see column, 1 lines, 56-61).

As to claim 7, the modified Kudoh discloses wherein the action is movement to a folder (example, the pertinent electronic mail temporarily stored in the mail folder displayed is transferred to a desired mail folder to be appropriately classified, see column, 2 lines, 9- 14).

As to claim 8, the modified Kudoh discloses wherein the action is setting an object property (see Figure 37).

As to claim 9, Leonardos discloses wherein the sort criterion is how recent the action has been performed (example, sort, such as, the list 1230 is generated in response to the search parameters entered by the user see paragraph [0016], [0033], [0061] and [0104]).

As to claims 10, 22 and 38, Leonardos discloses wherein the sort criterion is how frequent the action has been performed (example, sort, such as, the list 1230 is generated in response to the search parameters entered by the user see paragraph [0016], [0033], [0061] and [0104]).

As to claim 11, Kudoh discloses wherein the method is performed by execution of a computer program by a processor from a computer-readable medium (example, program-controlled CPU, see column, 12 lines, 17-18).

2. Claims 12-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kudoh et al. (US Patent No.: 2001/0042087) in view of Leonardos (US Pub No.: 2002/0069212).

As to claim 12, Kudoh discloses a method for dynamically maintaining and displaying attribute-specific lists (example, displays the first list, modifying, see column, 5 line, 4, column, 1 lines, 56-60 and Figure 33) comprising:

updating the at least one attribute-specific list based on an action performed on at least one attribute-specific object (example, modifying, editing, see Figure 8 (element 60) (element 50) and column 28, line, 9); and

displaying the updated attribute-specific list upon an action performed on disparate attribute-specific object (see Figure 39).

However Kudoh does not disclose initializing at least one attribute-specific list.

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Leonardos from the same field of endeavor disclose initializing at least one attribute-specific list (example, client that receives and sends e-mails, and organizes them into a format that may be directly accessed from the user's electronic folder, see paragraph [0032]),

It would have been obvious to one of ordinary skill in the art to modify Kudoh's electronic mail cataloging and retrieving system at the time of the invention was made with format as presented by Leonardos.

The motivation to combine allows users to access any of their files from their electronic folders, and users can move between any of the files. Furthermore, the management system includes an electronic mail (e-mail) client that receives and sends e-mails, and organizes them into a format that may be directly accessed from the user's electronic folder.

As to claims 13 and 28, Kudoh discloses the at least one attribute-specific list comprising folders (example, folder, see column, 2 lines, 9-14).

As to claims 14 and 29, Leonardos discloses the at least one attribute-specific list initialized to be empty (see paragraph [0032]).

As to claims 15 and 30, Kudoh discloses the at least one attribute-specific object comprising types of computer files (see Figure 39 (element 2900 and 2902)).

As to claim 16, Leonardos discloses the at least one attribute-specific list initialized based on a controlling attribute (see paragraph [0032]).

As to claim 17 and 32, Kudoh discloses the controlling attribute based on at least the creator of the attribute-specific object (example, creating a mail, (example, display

area 2902 shows a sending date and time, sender, title and text in part, see column, 1 lines, 56-61) and Figure 3).

As to claim 18, Kudoh discloses the controlling attribute based on at least the recipient on the attribute-specific object (example, receiving, see Figure 4).

As to claim 19, Leonardos discloses further comprising sorting the attribute-specific list based on at least one sort criterion (example, sort, such as, the list 1230 is generated in response to the search parameters entered by the user see paragraph [0016], [0033], [0061] and [0104]).

As to claims 20 and 36, Leonardos disclose the sort criterion corresponds to a level of priority (example, sort, such as, the list 1230 is generated in response to the search parameters entered by the user see paragraph [0016], [0033], [0061] and [0104]).

As to claim 21, Leonardos discloses, the sort criterion corresponds to a time at which the attribute-specific object was subject to the action (example, sort, such as, the list 1230 is generated in response to the search parameters entered by the user see paragraph [0016], [0033], [0061] and [0104]).

As to claim 23, Kudoh discloses further comprising appending additional attribute-specific objects to an existing attribute-specific list (example, the first list in which a single electronic mail is allocated to a single line onto said header information display screen, and inserts header information, see column, 6 lines, 1-6).

As to claim 24, Kudoh discloses the action corresponds to movement of at least one attribute-specific object between attribute-specific lists (example, the pertinent electronic mail temporarily stored in the mail folder displayed is transferred to a desired mail folder to be appropriately classified, see column, 2 lines, 9-14).



As to claims 25 and 31, Kudoh discloses the at least one attribute-specific object corresponds to email (example, electronic mail, see abstract).

As to claim 26, Kudoh discloses the action corresponds to setting a property on at least one attribute-specific object (example, modify by user, see Figure 33).

3. Claims 27-42 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kudoh et al. (US Patent No.: 2001/0042087) in view of Leonardos (US Pub No.: 2002/0069212).

As to claim 27, Kudoh discloses a system to facilitate dynamic object organization comprising:

an updating component to update the plurality of objects based on a function performed on an object subject to the one or more controlling attribute (example, modifying, editing, see Figure 8 (element 60) (element 50) and column 28, line, 9)

a display component to display at least one of the pluralities of objects upon an action on a second object (Figure 39 (element 2900 & 2901)).

However Kudoh does not disclose an initializing component to initialize a plurality of objects subject to one or more controlling attribute.

Leonardos from the same field of endeavor disclose an initializing component to initialize a plurality of objects subject to one or more controlling attribute (example, client that receives and sends e-mails, and organizes them into a format that may be directly accessed from the user's electronic folder, see paragraph [0032]),

It would have been obvious to one of ordinary skill in the art to modify Kudoh's electronic mail cataloging and retrieving system at the time of the invention was made with format as presented by Leonardos.

The motivation to combine allows users to access any of their files from their electronic folders, and users can move between any of the files. Furthermore, the management system includes an electronic mail (e-mail) client that receives and sends e-mails, and organizes them into a format that may be directly accessed from the user's electronic folder.

As to claim 33, Kudoh discloses the one or more controlling attribute based on at least the recipient of the object (example, receiving, see Figure 4).

As to claim 34, Leonardos discloses further comprising a sorting component (example, sort, such as, the list 1230 is generated in response to the search parameters entered by the user see paragraph [0016], [0033], [0061] and [0104]).

As to claim 35, Leonardos discloses the sorting component utilizing one or more sort criteria (example, sort, such as, the list 1230 is generated in response to the search parameters entered by the user see paragraph [0016], [0033], [0061] and [0104]).

As to claim 37, Leonardos discloses, the one or more sort criteria based on at least on the time at which the object was subject to the function (example, sort, such as, the list 1230 is generated in response to the search parameters entered by the user see paragraph [0016], [0033], [0061] and [0104]).

As to claim 39, Kudoh discloses further comprising an appending component to append one or more additional objects to the plurality of objects (example, the first list in which a single electronic mail is allocated to a single line onto said header information display screen, and inserts header information, see column, 6 lines, 1-6).

As to claim 40, Kudoh discloses the appending component utilizing the one or more controlling attribute to append the one or more additional objects to the plurality of

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objects (example, the first list in which a single electronic mail is allocated to a single line onto said header information display screen, and inserts header information, see column, 6 lines, 1-6).

As to claim 41, Kudoh discloses the function being movement of at least one object between the pluralities of objects (example, the pertinent electronic mail temporarily stored in the mail folder displayed is transferred to a desired mail folder to be appropriately classified, see column, 2 lines, 9-14).

As to claim 42, Kudoh discloses the function being setting at least one property on the object (example, modify by user, see figure 33).

4. Claim 43 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kudoh et al. (US Patent No.: 2001/0042087) in view of Leonardos (US Pub No.: 2002/0069212).

As to claim 43, Kudoh discloses to aid dynamic object organization comprising:  
the one or more object-specific lists orderable based on one or more ordering criteria (example, conducts shaping to arrange such a line in multiple numbers in the horizontal direction in order to show in a style so that a plurality of classification categories can be seen simultaneously, see column, 12 lines, 50-60)

means for updating the one or more object-specific lists based on an action performed on one or more objects subject to the at least one or more controlling attribute (example, modifying, editing, see Figure 8 (element 60) (element 50) and column 28, line, 9)

means for ordering the one or more object-specific lists based on the one or more ordering criteria (example, the first list in which a single electronic mail is allocated to a

single line onto said header information display screen, and inserts header information, see column, 6 lines, 1-6);

means for appending one or more objects utilizing the at least one or more controlling attribute and (example, the first list in which a single electronic mail is allocated to a single line onto said header information display screen, and inserts header information, see column, 6 lines, 1-6)

However Kudoh does not disclose means for initializing one or more object-specific lists based on at least one or more controlling attribute

Leonardos from the same field of endeavor disclose means for initializing one or more object-specific lists based on at least one or more controlling attribute (example, client that receives and sends e-mails, and organizes them into a format that may be directly accessed from the user's electronic folder, see paragraph [0032]),

It would have been obvious to one of ordinary skill in the art to modify Kudoh's electronic mail cataloging and retrieving system at the time of the invention was made with format as presented by Leonardos.

The motivation to combine allows users to access any of their files from their electronic folders, and users can move between any of the files. Furthermore, the management system includes an electronic mail (e-mail) client that receives and sends e-mails, and organizes them into a format that may be directly accessed from the user's electronic folder.

### ***Response to Arguments***

5. Applicant's arguments with respect to claims 1 and 43 in light of Kudoh et al. have been fully considered and are persuasive. Therefore, the Leonardos et al. reference was added.

Applicant argues that, Kudoh, et al. fails to disclose or suggest updating a first list of a plurality of controlling attribute-specific lists corresponding to the controlling attribute of the first object according to a sort criterion related to the action, providing alternatives as to how the action can be performed relative to objects having the controlling attribute, or displaying a second list of the plurality of controlling attribute-specific lists corresponding to the controlling attribute of the second object to provide alternatives as to how the action can be performed relative to the second object as recited in the subject claims. (Claim1)

Kudoh, et al. fails to disclose or suggest ordering the list. (Claim 43)

As noted in the previous office action, as well as being reiterated in this office action, it is well noted with citations at the end of appropriate limitations.

As per the newly amended limitations, the Examiner believes that the teaching of the prior art as applied to the newly amended limitations is also being pointed in the rejection section above.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Meseker Takele whose telephone number is (571) 270-1653. The examiner can normally be reached on Monday - Friday 7:30AM- 5:00PM est.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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